

In the Claims:

1. (Previously Presented) A mobile wireless communication device, comprising:

a receiver;

a controller coupled to the receiver,

the controller configured to cause the receiver to receive not more than one burst of an incoming paging message transmitted in a series of bursts over successive time frames,

the controller configured to determine whether the incoming paging message corresponds to a known paging message by comparing incoming data of the not more than one received burst with known data of a corresponding burst of the known paging message,

the controller configured to combine the incoming data with known data of a different burst of the known paging message only if results of comparing satisfy a specified requirement.

Claim 2 (Canceled).

3. (Previously Presented) The device of Claim 1, the controller configured to reconstruct the incoming paging message by decoding the combined incoming data and the known data and to determine whether the reconstructed incoming paging message corresponds to the known paging message.

4. (Previously Presented) The device of Claim 3, the controller configured to store known data from at least a portion of the known paging message received in several bursts over successive time frames.

5. (Previously Presented) The device of Claim 1, the controller configured to measure a channel quality of the incoming paging message and to rescale the known data based on the channel quality of the incoming paging message.

6. (Previously Presented) The device of Claim 1, the controller configured to reconstruct the incoming paging message by decoding data of the not more than one received burst and a burst in subsequent time frame of the incoming paging message if the results of comparing do not satisfy a specified requirement.

7. (Previously Presented) The device of Claim 6, the controller configured to determine whether the reconstructed incoming paging message corresponds to the known paging message.

8. (Previously Presented) The device of Claim 1,
the not more than one burst of the incoming paging message is a burst in a first time frame of the series of consecutive time frames,
the controller configured to compare incoming data of the burst of the first time frame of the incoming paging message with known data of a burst of a first time frame of the known paging message,

the controller configured to combine the incoming data of the burst of the first time frame of the incoming paging message with known data of bursts of other time frames of the known paging message only if results of comparing satisfy a specified requirement,

the controller configured to reconstruct the incoming paging message by decoding the combined incoming data and the known data,

the controller configured to determine whether the incoming paging message corresponds to the known paging message.

9. (Previously Presented) The device of Claim 1,

the not more than one burst of the incoming paging message is a burst in a second time frame of the series of consecutive time frames,

the controller configured to compare incoming data of the burst of the second time frame of the incoming paging message with known data of a burst of a second time frame of the known paging message,

the controller configured to combine the incoming data of the burst of the second time frame of the incoming paging message with known data of a burst of different time frames of the known paging message only if results of comparing satisfy a specified requirement,

the controller configured to reconstruct the incoming paging message by decoding the combined incoming data and the known data,

the controller configured to determine whether the incoming paging message corresponds to the known paging message.

10. (Previously Presented) A mobile wireless communication device, comprising:

a receiver;
a controller communicably coupled to the receiver, the controller configured to
cause the receiver to receive not more than one burst of an incoming paging message transmitted in a series of bursts over successive intervals,
combine the portion of the incoming message with a portion of a known message, and
reconstruct a message from the portion of the incoming message and the portion of the known message.

11. (Previously Presented) The device of Claim 10, the controller configured to the mobile wireless communication device in a reduced power consumption mode during remaining intervals of the incoming message if the incoming message corresponds to the known message.

12. (Previously Presented) The device of Claim 10, the controller configured to store known paging data from at least a portion of a no-identity paging message received in several bursts over consecutive intervals, the known paging data corresponding to the known message.

13. (Previously Presented) The device of Claim 10, the controller configured to cause the receiver to receive the portion of the incoming message in not more than a first one of the consecutive intervals.

14. (Previously Presented) The device of Claim 10, the controller configured to cause the receiver to receive the portion of the incoming message in not more than a second one of the consecutive intervals without receiving any portion of the incoming message in a first of the consecutive intervals.

15. (Previously Presented) The device of Claim 14, the controller configured to cause the receiver to receive another portion of the incoming message in a third one of the consecutive intervals if the incoming message does not correspond to the known message.

16. (Previously Presented) The device of Claim 10, the controller configured to cause the receiver to compare the portion of the incoming message with a corresponding portion of a known message and combine the portion of the incoming message with the portion of the known message only if results of comparing the portion of the incoming message with the corresponding portion of the known message satisfy a specified requirement.

17. (Previously Presented) The device of Claim 10, the controller configured to cause the receiver to rescale the portion of the known message based on a channel quality of the incoming message.

18. (Previously Presented) The device of Claim 10, the controller configured to cause the receiver to combine the portion of the incoming message with the portion of the known message by combining the portion of the incoming message of not more than one consecutive interval with portions

BINZEL ET AL.
"Incoming Message Decoding in Wireless
Communications Devices And Methods Therefor"
Atty. Docket No. CS21165RL

Appl. No. 10/637,124
Confirm. No. 3836
Examiner N. Vo
Art Unit 2618

of the known message from all other intervals of the incoming message not received.

Claims 19-23 (Canceled).